

NOTICE OF DRAFTPERSON'S  
PATENT DRAWING REVIEWThe drawing filed (insert date) 6/20/97 are:

A.  not objected to by the Draftperson under 37 CFR 1.84 or 1.152.

B.  objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:  
Black ink. Color. Color drawing are not acceptable until petition is granted.

## 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

 Hatching not indicated for sectional portions of an object.

Fig.(s) \_\_\_\_\_

 Sectional designation should be noted with Arabic or Roman numbers. Fig.(s) \_\_\_\_\_

## 2. PHOTOGRAPHS. 37 CFR 1.84(b)

 Photographs are not acceptable until petition is granted.

## 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

 3 full-tone sets are required. Fig(s) \_\_\_\_\_ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s) \_\_\_\_\_ Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) \_\_\_\_\_ Views not on the same plane on drawing sheet. Fig.(s) \_\_\_\_\_ Poor quality (half-tone). Fig(s) \_\_\_\_\_

## 3. TYPE OF PAPER. 37 CFR 1.84(e)

 Paper not flexible, strong, white and durable.

## 9. SCALE. 37 CFR 1.84(k)

 Fig.(s) \_\_\_\_\_ Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.

Fig.(s) \_\_\_\_\_

## 4. SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:

 21.0 cm by 29.7 cm (DIN size A4)

## 10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l)

 21.6 cm by 27.9 cm (8 1/2 x 11 inches) Lines, numbers & letters not uniformly thick and well defined, All drawings sheets not the same size. clean, durable and black (poor line quality). Sheet(s) \_\_\_\_\_Fig.(s) 1-3, 5A-23B

## 5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

## 11. SHADING. 37 CFR 1.84(m)

 SIZE: A4 Size Solid black areas pale. Fig.(s) \_\_\_\_\_ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Solid black shading not permitted. Fig.(s) \_\_\_\_\_ SIZE: 8 1/2 x 11 Shade lines, pale, rough and blurred. Fig.(s) \_\_\_\_\_ Margins not acceptable. Fig(s) 1/3 Top (T)  Left (L)

## 12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.

 Right (R)  Bottom (B)

37 CFR 1.48(p)

 Numbers and reference characters not plain and legible.

## 6. VIEWS. CFR 1.84(h)

Fig.(s) \_\_\_\_\_

 REMINDER: Specification may require revision to correspond to drawing changes. Figure legends are poor. Fig.(s) \_\_\_\_\_ Views connected by projection lines or lead lines. Numbers and reference characters not oriented in the same Fig.(s) \_\_\_\_\_

direction as the view. 37 CFR 1.84(p)(3) Fig.(s) \_\_\_\_\_

 Partial views. 37 CFR 1.84(h)(2) English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s) \_\_\_\_\_ Brackets needed to show figure as one entity. Numbers, letters, and reference characters must be at least Fig.(s) \_\_\_\_\_

.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s) \_\_\_\_\_

 Views not labeled separately or properly.

## 13. LEAD LINES. 37 CFR 1.84(q)

 Lead lines cross each other. Fig.(s) \_\_\_\_\_ Enlarged view not labeled separately or properly. Lead lines missing. Fig.(s) \_\_\_\_\_ Fig.(s) \_\_\_\_\_ Lead lines missing. Fig.(s) \_\_\_\_\_

## 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)

 Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig.(s) \_\_\_\_\_

## 15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig.(s) \_\_\_\_\_

## 16. CORRECTIONS. 37 CFR 1.84(w)

 Corrections not made from PTO-948 dated \_\_\_\_\_

## 17. DESIGN DRAWINGS. 37 CFR 1.152

 Surface shading shown not appropriate. Fig.(s) \_\_\_\_\_ Solid black shading not used for color contrast.

Fig.(s) \_\_\_\_\_

## COMMENTS

REVIEWER A. DOANDATE 11/18/97TELEPHONE NO. 703.305.8404ATTACHMENT TO PAPER NO. 5

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